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TO: Assistant Commissioner for Patents
Examiner: Frank M. Lawrence
Group Art Unit: 1724
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FROM: Steven R. Scott

DATE: February 22, 2001

TOTAL NUMBER OF PAGES (including cover page): 2

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RE: Patent Application No. 09/004,897
Filed: 9 January 1998
Applicant(s): Burris
Title: Flowthrough Batch Liquid Purifier

Dear Examiner Lawrence:

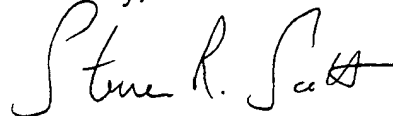This will expand on my last message:

(1) A pump pumping fluid through a passageway will do so at some volumetric rate. This is inherent in any pump/ passageway combination. Thus, to state this does not introduce new matter.

(2) The reason fluid is rising at all in the upflow chamber is, according to the application, because it is being pumped into the upflow chamber by the pump. Thus, no new matter.

(3) The rate of fluid rise in a chamber being filled by a pump is going to be dictated by the size and shape of the chamber

and the volumetric rate of the pump-e.g.-rate of rise of water in a bucket is going to depend on the size and shape of the bucket and the rate of flow from a pump (or hose) into the bucket. This is inherent in any configuration of this type, where the passageway for the fluid includes a chamber to be filled. Thus, to state this, once again, does not introduce new matter.

(4) The application states that the size and shape of the upflow chamber produce a fluid rise rate in the upflow chamber that is slower than the rise rate of bubbles entrained in that fluid. No new matter here.

(5) Thus, I have changed claim 1 based on the disclosure and features inherent in the configuration to make the connection between (1) and (4) more clear—i.e.--the upflow chamber structure is such that (1) plus that structure = (4).

Cordially,

Steven R. Scott